

Topic: 200
Relevant Docs: 2544
Rel Estimate: 284966
Rel Accuracy: 0.9%
F1: 1.0%
F1 Estimate: 69.0%
F1 Accuracy: 1.5%
Best cutoff: 17771
Cutoff Estimate: 454217
Cutoff Accuracy: 3.9%
Hypothetical F1: 15.3%
ROC AUC : 81.6%

Topic: 201
Relevant Docs: 1886
Rel Estimate: 72789
Rel Accuracy: 2.6%
F1: 4.1%
F1 Estimate: 35.1%
F1 Accuracy: 11.7%
Best cutoff: 13195
Cutoff Estimate: 75200
Cutoff Accuracy: 17.5%
Hypothetical F1: 13.0%
ROC AUC : 91.2%

Topic: 202
Relevant Docs: 6312
Rel Estimate: 49369
Rel Accuracy: 12.8%
F1: 12.0%
F1 Estimate: 30.4%
F1 Accuracy: 39.4%
Best cutoff: 3587
Cutoff Estimate: 60046
Cutoff Accuracy: 6.0%
Hypothetical F1: 37.8%
ROC AUC : 86.8%

Topic: 203
Relevant Docs: 3125
Rel Estimate: 85387
Rel Accuracy: 3.7%
F1: 4.6%
F1 Estimate: 37.9%
F1 Accuracy: 12.1%
Best cutoff: 3569
Cutoff Estimate: 128050
Cutoff Accuracy: 2.8%
Hypothetical F1: 32.2%
ROC AUC : 94.3%

Topic: 204
Relevant Docs: 6362
Rel Estimate: 147213
Rel Accuracy: 4.3%
F1: 3.1%
F1 Estimate: 42.1%
F1 Accuracy: 7.4%
Best cutoff: 28126
Cutoff Estimate: 388337
Cutoff Accuracy: 7.2%
Hypothetical F1: 17.1%
ROC AUC : 87.0%

Topic: 205
Relevant Docs: 67938
Rel Estimate: 97934
Rel Accuracy: 69.4%
F1: 47.5%
F1 Estimate: 38.8%
F1 Accuracy: 81.8%
Best cutoff: 60533

Cutoff Estimate: 150135
Cutoff Accuracy: 40.3%
Hypothetical F1: 52.1%
ROC AUC : 87.9%

Topic: 206
Relevant Docs: 866
Rel Estimate: 41083
Rel Accuracy: 2.1%
F1: 0.9%
F1 Estimate: 19.9%
F1 Accuracy: 4.8%
Best cutoff: 12509
Cutoff Estimate: 146574
Cutoff Accuracy: 8.5%
Hypothetical F1: 5.9%
ROC AUC : 87.6%

Topic: 207
Relevant Docs: 20929
Rel Estimate: 168018
Rel Accuracy: 12.5%
F1: 2.3%
F1 Estimate: 47.3%
F1 Accuracy: 4.8%
Best cutoff: 5841
Cutoff Estimate: 454392
Cutoff Accuracy: 1.3%
Hypothetical F1: 24.3%
ROC AUC : 27.0%

Legal track learning task results

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==== Topic 200 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      7 (0.003)      3 (0.000)      10 (0.000)      0 (0.000)
20 (0.000)      10 (0.004)      10 (0.000)      18 (0.000)      2 (0.000)
50 (0.000)      18 (0.007)      32 (0.000)      39 (0.000)      11 (0.000)
100 (0.000)      31 (0.012)      69 (0.000)      74 (0.000)      26 (0.000)
200 (0.000)      35 (0.014)      165 (0.000)      144 (0.001)      56 (0.000)
500 (0.001)      93 (0.037)      407 (0.001)      347 (0.001)      153 (0.000)
1000 (0.001)      147 (0.058)      853 (0.001)      680 (0.002)      320 (0.001)
2000 (0.003)      202 (0.079)      1798 (0.003)      1330 (0.005)      670 (0.002)
5000 (0.007)      290 (0.114)      4710 (0.007)      3224 (0.011)      1776 (0.004)
20000 (0.029)      1313 (0.516)      18687 (0.027)      12325 (0.043)      7675 (0.019)
50000 (0.073)      1761 (0.692)      48239 (0.071)      30017 (0.105)      19983 (0.050)
100000 (0.146)      1711 (0.673)      98289 (0.144)      59114 (0.207)      40886 (0.102)
200000 (0.292)      1854 (0.729)      198146 (0.290)      116717 (0.410)      83283 (0.208)
500000 (0.729)      2523 (0.992)      497477 (0.728)      263882 (0.926)      236118 (0.589)
685592 (1.000)      2544 (1.000)      683048 (1.000)      284966 (1.000)      400626 (1.000)

==== Topic 201 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      3 (0.002)      7 (0.000)      10 (0.000)      0 (0.000)
20 (0.000)      6 (0.003)      14 (0.000)      20 (0.000)      0 (0.000)
50 (0.000)      15 (0.008)      35 (0.000)      49 (0.001)      1 (0.000)
100 (0.000)      21 (0.011)      79 (0.000)      97 (0.001)      3 (0.000)
200 (0.000)      24 (0.013)      176 (0.000)      192 (0.003)      8 (0.000)
500 (0.001)      78 (0.041)      422 (0.001)      466 (0.006)      34 (0.000)
1000 (0.001)      122 (0.065)      878 (0.001)      902 (0.012)      98 (0.000)
2000 (0.003)      227 (0.120)      1773 (0.003)      1724 (0.024)      276 (0.000)
5000 (0.007)      282 (0.150)      4718 (0.007)      4004 (0.055)      996 (0.002)
20000 (0.029)      1009 (0.535)      18991 (0.028)      12582 (0.173)      7418 (0.012)
50000 (0.073)      1495 (0.793)      48505 (0.071)      21091 (0.290)      28909 (0.047)
100000 (0.146)      1663 (0.882)      98337 (0.144)      30016 (0.412)      69984 (0.114)
200000 (0.292)      1741 (0.923)      198259 (0.290)      42494 (0.584)      157506 (0.257)
500000 (0.729)      1874 (0.994)      498126 (0.729)      67414 (0.926)      432586 (0.706)
685592 (1.000)      1886 (1.000)      683706 (1.000)      72789 (1.000)      612803 (1.000)

==== Topic 202 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      10 (0.002)      0 (0.000)      10 (0.000)      0 (0.000)
20 (0.000)      20 (0.003)      0 (0.000)      20 (0.000)      0 (0.000)
50 (0.000)      50 (0.008)      0 (0.000)      48 (0.001)      2 (0.000)
100 (0.000)      100 (0.016)      0 (0.000)      95 (0.002)      5 (0.000)
200 (0.000)      200 (0.032)      0 (0.000)      187 (0.004)      13 (0.000)
500 (0.001)      500 (0.079)      0 (0.000)      439 (0.009)      61 (0.000)
1000 (0.001)      988 (0.156)      12 (0.000)      816 (0.017)      184 (0.000)
2000 (0.003)      1440 (0.228)      560 (0.001)      1428 (0.029)      572 (0.001)
5000 (0.007)      1904 (0.302)      3096 (0.005)      2911 (0.059)      2089 (0.003)
20000 (0.029)      2392 (0.379)      17608 (0.026)      8538 (0.173)      11462 (0.018)
50000 (0.073)      3748 (0.594)      46252 (0.068)      15013 (0.304)      34987 (0.055)
100000 (0.146)      4317 (0.684)      95683 (0.141)      21795 (0.441)      78205 (0.123)
200000 (0.292)      4578 (0.725)      195422 (0.288)      30669 (0.621)      169331 (0.266)
500000 (0.729)      6275 (0.994)      493725 (0.727)      45837 (0.928)      454163 (0.714)
685592 (1.000)      6312 (1.000)      679280 (1.000)      49369 (1.000)      636223 (1.000)

==== Topic 203 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      7 (0.002)      3 (0.000)      10 (0.000)      0 (0.000)
20 (0.000)      12 (0.004)      8 (0.000)      19 (0.000)      1 (0.000)
50 (0.000)      34 (0.011)      16 (0.000)      47 (0.001)      3 (0.000)
100 (0.000)      58 (0.019)      42 (0.000)      92 (0.001)      8 (0.000)
200 (0.000)      80 (0.026)      120 (0.000)      178 (0.002)      22 (0.000)
500 (0.001)      201 (0.064)      299 (0.000)      421 (0.005)      79 (0.000)
1000 (0.001)      497 (0.159)      503 (0.001)      802 (0.009)      198 (0.000)
2000 (0.003)      646 (0.207)      1354 (0.002)      1512 (0.018)      488 (0.001)
5000 (0.007)      1108 (0.355)      3892 (0.006)      3360 (0.039)      1640 (0.003)
20000 (0.029)      1877 (0.601)      18123 (0.027)      10562 (0.124)      9438 (0.016)
50000 (0.073)      2496 (0.799)      47504 (0.070)      21493 (0.252)      28507 (0.047)
100000 (0.146)      2997 (0.959)      97003 (0.142)      34682 (0.406)      65318 (0.109)
200000 (0.292)      3062 (0.980)      196938 (0.289)      51859 (0.607)      148141 (0.247)
500000 (0.729)      3005 (0.962)      496995 (0.728)      79453 (0.931)      420547 (0.701)
685592 (1.000)      3125 (1.000)      682467 (1.000)      85387 (1.000)      600205 (1.000)

==== Topic 204 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      9 (0.001)      1 (0.000)      9 (0.000)      1 (0.000)
20 (0.000)      18 (0.003)      2 (0.000)      18 (0.000)      2 (0.000)
50 (0.000)      42 (0.007)      8 (0.000)      41 (0.000)      9 (0.000)

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100 (0.000)      77 (0.012)      23 (0.000)      80 (0.001)      20 (0.000)
200 (0.000)      95 (0.015)      105 (0.000)      152 (0.001)      48 (0.000)
500 (0.001)      165 (0.026)      335 (0.000)      347 (0.002)      153 (0.000)
1000 (0.001)      245 (0.038)      755 (0.001)      646 (0.004)      354 (0.001)
2000 (0.003)      412 (0.065)      1588 (0.002)      1203 (0.008)      797 (0.001)
5000 (0.007)      651 (0.102)      4349 (0.006)      2756 (0.019)      2244 (0.004)
20000 (0.029)      1368 (0.215)      18632 (0.027)      9697 (0.066)      10303 (0.019)
50000 (0.073)      3639 (0.572)      46361 (0.068)      21894 (0.149)      28106 (0.052)
100000 (0.146)      4740 (0.745)      95260 (0.140)      39585 (0.269)      60415 (0.112)
200000 (0.292)      5041 (0.792)      194959 (0.287)      68988 (0.469)      131012 (0.243)
500000 (0.729)      6368 (1.001)      493632 (0.727)      134958 (0.917)      365042 (0.678)
685592 (1.000)      6362 (1.000)      679230 (1.000)      147213 (1.000)      538379 (1.000)

==== Topic 205 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      10 (0.000)      0 (0.000)      10 (0.000)      0 (0.000)
20 (0.000)      20 (0.000)      0 (0.000)      19 (0.000)      1 (0.000)
50 (0.000)      42 (0.001)      8 (0.000)      47 (0.000)      3 (0.000)
100 (0.000)      91 (0.001)      9 (0.000)      92 (0.001)      8 (0.000)
200 (0.000)      189 (0.003)      11 (0.000)      180 (0.002)      20 (0.000)
500 (0.001)      484 (0.007)      16 (0.000)      435 (0.004)      65 (0.000)
1000 (0.001)      907 (0.013)      93 (0.000)      838 (0.009)      162 (0.000)
2000 (0.003)      1775 (0.026)      225 (0.000)      1596 (0.016)      404 (0.001)
5000 (0.007)      4470 (0.066)      530 (0.001)      3658 (0.037)      1342 (0.002)
20000 (0.029)      14390 (0.212)      5610 (0.009)      11681 (0.119)      8319 (0.014)
50000 (0.073)      28431 (0.418)      21569 (0.035)      23399 (0.239)      26601 (0.045)
100000 (0.146)      39444 (0.581)      60556 (0.098)      37398 (0.382)      62602 (0.107)
200000 (0.292)      57755 (0.850)      142245 (0.230)      57095 (0.583)      142905 (0.243)
500000 (0.729)      66353 (0.977)      433647 (0.702)      97253 (0.993)      402747 (0.685)
685592 (1.000)      67938 (1.000)      617654 (1.000)      97934 (1.000)      587658 (1.000)

==== Topic 206 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      0 (0.000)      10 (0.000)      6 (0.000)      4 (0.000)
20 (0.000)      0 (0.000)      20 (0.000)      10 (0.000)      10 (0.000)
50 (0.000)      0 (0.000)      50 (0.000)      22 (0.001)      28 (0.000)
100 (0.000)      0 (0.000)      100 (0.000)      40 (0.001)      60 (0.000)
200 (0.000)      0 (0.000)      200 (0.000)      73 (0.002)      127 (0.000)
500 (0.001)      1 (0.001)      499 (0.001)      164 (0.004)      336 (0.001)
1000 (0.001)      1 (0.001)      999 (0.001)      302 (0.007)      698 (0.001)
2000 (0.003)      1 (0.001)      1999 (0.003)      557 (0.014)      1443 (0.002)
5000 (0.007)      1 (0.001)      4999 (0.007)      1240 (0.030)      3760 (0.006)
20000 (0.029)      482 (0.557)      19518 (0.029)      3931 (0.096)      16069 (0.025)
50000 (0.073)      665 (0.767)      49335 (0.072)      8107 (0.197)      41893 (0.065)
100000 (0.146)      696 (0.804)      99304 (0.145)      13868 (0.338)      86132 (0.134)
200000 (0.292)      701 (0.809)      199299 (0.291)      23827 (0.580)      176173 (0.273)
500000 (0.729)      862 (0.995)      499138 (0.729)      41065 (1.000)      458935 (0.712)
685592 (1.000)      866 (1.000)      684726 (1.000)      41083 (1.000)      644509 (1.000)

==== Topic 207 ====
Documents returned      Relevant      Nonrelevant      Estimated Rel      Estimated Non
10 (0.000)      10 (0.000)      0 (0.000)      10 (0.000)      0 (0.000)
20 (0.000)      19 (0.001)      1 (0.000)      19 (0.000)      1 (0.000)
50 (0.000)      49 (0.002)      1 (0.000)      46 (0.000)      4 (0.000)
100 (0.000)      99 (0.005)      1 (0.000)      89 (0.001)      11 (0.000)
200 (0.000)      199 (0.010)      1 (0.000)      172 (0.001)      28 (0.000)
500 (0.001)      492 (0.024)      8 (0.000)      402 (0.002)      98 (0.000)
1000 (0.001)      926 (0.044)      74 (0.000)      753 (0.004)      247 (0.000)
2000 (0.003)      1790 (0.086)      210 (0.000)      1376 (0.008)      624 (0.001)
5000 (0.007)      2965 (0.142)      2035 (0.003)      2844 (0.017)      2156 (0.004)
20000 (0.029)      3452 (0.165)      16548 (0.025)      8885 (0.053)      11115 (0.021)
50000 (0.073)      3873 (0.185)      46127 (0.069)      20003 (0.119)      29997 (0.058)
100000 (0.146)      3927 (0.188)      96073 (0.145)      37350 (0.222)      62650 (0.121)
200000 (0.292)      4147 (0.198)      195853 (0.295)      70006 (0.417)      129994 (0.251)
500000 (0.729)      5577 (0.266)      494423 (0.744)      154080 (0.917)      345920 (0.668)
685592 (1.000)      20929 (1.000)      664663 (1.000)      168018 (1.000)      517574 (1.000)

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